

Converting Colors

XYZ(28.0734, 27.6926, 4.4083)

Have a look what the booklet for
XYZ(28.0734, 27.6926, 4.4083)
contains.

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Color

**XYZ(28.1029, 27.7555,
4.4065)**

Conversions

Conversions Part 1

Format	Color
Hex	B58911
RGB	181, 137, 17
RGB Percent	71%, 54%, 7%
CMY	0.2902, 0.4627, 0.9333
CMYK	0.00, 0.24, 0.91, 0.29
HSL	44°, 83%, 39%
HSV	44°, 91%, 71%
XYZ	28.1029, 27.7555, 4.4065
YIQ	136.4760, 64.7440, -27.9920

Conversions

Conversions Part 2

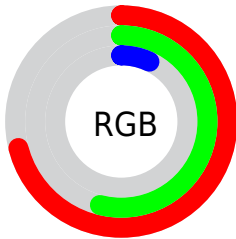
Format	Color
R_{YB}	77, 181, 17
Decimal	11897105
CIE _{Lab}	59.67, 6.95, 61.79
CIE _{LCh}	60, 62.184, 83.585
Yxy	27.7555, 0.4663, 0.4606
Android (android.graphics.Color)	4290087185 (0xFFB58911)
YUV	136.4760, -58.9017, 39.0475
Hunter-Lab	52.6835, 3.0210, 31.9194

Details

The XYZ color **28.1029, 27.7555, 4.4065** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.2406, 6.7932, 44.4873**, and the grayscale version is **23.7789, 25.0172, 27.2438**.

A 20% lighter version of the original color is **56.0286, 56.0635, 14.8895**, and **11.6581, 11.1904, 1.5455** is the 20% darker color. If you saturate the color by 10%, you get **27.3673, 26.4464, 3.6622**, and if you desaturate by 10%, it is **29.0132, 29.2502, 5.7152**.

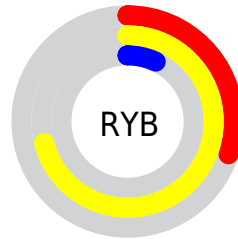
Distribution



Red (71%)

Green (54%)

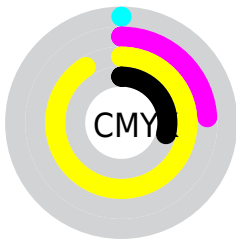
Blue (7%)



Red (30%)

Yellow (71%)

Blue (7%)

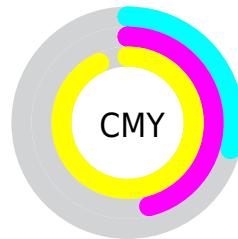


Cyan (0%)

Magenta (24%)

Yellow (91%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1029, 27.7555, 4.4065 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.1029, 27.7555, 4.4065 by changing the saturation by 10% instead.


 28.1029, 27.7555,
4.4065


 28.1029, 27.7555,
4.4065


285.0295,
291.2968, 152.6418


 18.5441, 18.1414,
1.8509


 56.0562, 56.0938,
14.9369

 11.4434, 11.0516,
0.4612


 75.1814, 75.5869,
23.7488


 6.4354, 6.1015,
0.0000


 98.2260, 99.1418,
35.4832

 3.1547, 2.9069,
0.0000

 125.5556,
127.1428, 50.5587

 1.2361, 1.0833,
0.0000

 157.5353,
159.9745, 69.3937

 0.1346, 0.0000,
0.0000

 194.5307,

 0.0000, 0.0000,

198.0211, 92.4069

0.0000

236.9069,
241.6670, 120.0167

28.1029, 27.7555,
4.4065

28.1029, 27.7555,
4.4065

27.3673, 26.4464,
3.6622

29.0132, 29.2502,
5.7152

30.0930, 30.8620,
7.7642

31.3621, 32.6004,
10.6527

32.8367, 34.4726,
14.4644

34.5311, 36.4849,
19.2727

■ 36.4581, 38.6431,
25.1435

■ 38.6296, 40.9523,
32.1371

■ 41.0565, 43.4177,
40.3093

■ 43.7490, 46.0437,
49.7121

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.3903, 27.7555, 7.0785



28.1029, 27.7555, 4.4065



20.7923, 27.7555, 5.3978

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1029, 27.7555, 4.4065



14.8275, 27.7555, 51.0185



40.4821, 27.7555, 63.8180

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.1029, 27.7555, 4.4065



10.2406, 6.7932, 44.4873

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.8904, 27.7555, 89.6458



28.1029, 27.7555, 4.4065



18.3989, 27.7555, 80.0424

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.1029, 27.7555, 4.4065



14.0476, 27.7555, 25.6451



24.7305, 27.7555, 96.7178



44.3960, 27.7555, 35.3112

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1029, 27.7555, 4.4065



17.2853, 27.7555, 8.4822



24.7305, 27.7555, 96.7178



38.2111, 27.7555, 73.5752

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.1035, 27.7569, 4.4070



66.4739, 70.4835, 48.7583



20.1670, 10.5890, 5.7531



14.0975, 14.9419, 9.6848



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1035, 27.7569, 4.4070



48.8175, 46.9710, 6.4934



28.3847, 39.1504, 6.5914



9.0004, 9.5133, 9.0144



18.9260, 18.3505, 2.5445



0.6405, 0.6674, 0.0951

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10.2406, 6.7932, 44.4873



16.7117, 9.5231, 79.2519



9.9851, 4.4818, 44.0546



8.2213, 8.5888, 10.7308



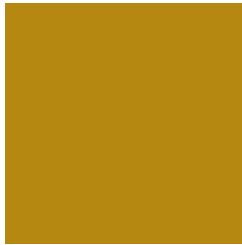
6.5443, 3.8890, 30.5427



0.2552, 0.2209, 0.9774

Previews

White Background



This preview shows how the XYZ color 28.1029, 27.7555, 4.4065 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.1029, 27.7555, 4.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1029, 27.7555, 4.4065

Background



This preview shows how black text looks on a background with the XYZ color 28.1029, 27.7555, 4.4065.



This preview shows how white text looks on a background with the XYZ color 28.1029, 27.7555,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.1029, 27.7555, 4.4065

Protanopia

24.9998, 27.6784, 4.6867

Deuteranopia

28.3382, 27.8769, 4.4175



Tritanopia

32.8438, 27.6763, 27.2779

Trichromacy



Original Color

28.1029, 27.7555, 4.4065

Protanomaly

26.0046, 27.5318, 4.5597

Deuteranomaly

28.3382, 27.8769, 4.4175

Tritanomaly

30.0997, 27.3372, 14.0461

Monochromacy



Original Color

28.1029, 27.7555, 4.4065

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7288, 25.0740, 13.9451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1029, 27.7555, 4.4065 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 137, 17)` looks like.

```
.text, #text, p{  
    color:rgb(181, 137, 17)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 137, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 137, 17) }
```

Border

The CSS property to change the border of an element to XYZ 28.1029, 27.7555, 4.4065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 137, 17) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 137, 17) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 137, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 137, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 137, 17);  
box-shadow:4px 4px 4px 4px rgb(181, 137,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1029, 27.7555, 4.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 137, 17) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
137, 17) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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